

U. S. NAVY HYDROGRAPHIC OFFICE  
WASHINGTON 25, D. C.

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19 November 1956

NAVY DECLASSIFICATION/RELEASE INSTRUCTIONS ON FI

MEMORANDUM

From: Chairman, Cartographic Subcommittee of the Utilization Advisory Board

To: Navy Member, Utilization Advisory Board

Subj: Recommendations of Cartographic Subcommittee in regard to utilization of photography

Ref: (a) Navy Member, UAB ltr Op-922V/075-0 of 10 Oct 1956  
(b) Memo for Navy Member, UAB ser 000896P92 of 12 Sep 1956

1. The Cartographic Subcommittee met 2 November to investigate the problems set forth in reference (b). Those present were:

CDR T. K. Treadwell, USN, Navy Member and Chairman  
COL E. G. Lawton, USA, Army Member  
MAJ Coursey, USAF, acting for COL Walker, USAF Member  
[REDACTED] CIA Member

2. The basic question of cartographic utilization of sensitive TOP SECRET aerial photography breaks down into three inter-related problems:

a. Should the photography be used for cartographic purposes?

It is felt that the potential value of this photography is such that immediate usage is warranted, even at the cost of considerable inconvenience and some risk. A map or chart is seldom so good that substantial improvement cannot be made, and unfortunately, the more vital the area the poorer the charts usually are. Cartographic data requires months of work to put it into usable form. This work should be done as soon as possible, if adequate charts are to be available for advance planning and for operational use on D-day.

b. What specific products are needed?

In practice, it is almost impossible to separate cartographic source materials and products from intelligence materials and products. In several joint programs such as the Air Target Materiel Program, the Amphibious Objective Studies, and the National Intelligence Surveys, intelligence and cartography go hand in hand. Close coordination will be necessary to insure that all information is in agreement.

Enclosure (1) to NT-0061-56 of 28 Nov 1956

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The Army Member indicated that their main use for data from the subject photography would be for intelligence studies and to provide generalized corrections for their unclassified medium scale (1:250,000) topographic sheets. No large scale usage was foreseen until after revision of the medium scale coverage, except for certain selected high priority areas.

The Air Force Member stated that their primary usage would be in the Air Target Materiel Program, on medium and large scale classified graphics. A secondary use would be for revising their small-scale (1:250,000) WAC series; information for this purpose would be taken from the revised Army topographic sheets mentioned above.

The Navy's major use would probably be in the large and medium scale classified graphics of such programs as the Air Target Materiel Program, Amphibious Objective Studies, and National Intelligence Surveys. Use of this material on unclassified nautical charts does not appear warranted or feasible at present.

c. How can the material best be used with least chance of compromising the source?

The committee agreed that final products showing the original photography would effectively compromise the source. Transferring vital information from the photograph to a drafted graphic, however, will provide a sharp line of separation, if no reference is made to the source material. The graphic could then be used as routine classified source material. Under this method of processing, only the personnel actually transferring data from original photograph to drafted graphic would require special clearance and isolation. The Army is reported to have an organization of this type already functioning at the Army Map Service. It is feasible for the Navy to set up such a unit at the Hydrographic Office, and the Air Force could set up a group as required, probably in the Washington area.

3. The following recommendations are submitted:

- a. That utilization of this photography be authorized for cartographic purposes.
- b. That the usage of the photography be in accordance with the expressed needs of the Services, as detailed in paragraph 2b above.

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- c. That the individual Services set up, within the framework of their own cartographic organizations, and in proportion to their individual needs, isolated and properly cleared cells of technical personnel; that the photography be converted by these groups into drafted graphics bearing no indication of source; and that these graphics, with an appropriate security classification based on the amount of detail shown and on the scale, then be treated as routine source material.

T. K. TREADWELL

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